

THE COPPER ERA.

Issued Thursdays.

CLIFTON, ARIZONA, MAY 31, 1900.

Vol. 2, No. 7

A New Ore of Nickel

A new nickel, beleived to be of great commercial value, has been discovered in the copper ore district of Houghton, Mich. It has been named Mohawkite, from the mine in which it was found. It was at first supposed to be a copper sulphide, but chemical examination indicated that it was a new mineral. It possesses a silvery metallic lustre when freshly broken, with very irregular fractures. Chemical analysis shows that it is an arsenide of copper, similar to the donkeykite, in connection with which is also found an arsenide of nickel. The possibilities offered by this combination are very great. Copper is more than ever a valuable metal and is now commanding a high price, and nickel is now used in a large number of industries where twenty-five years ago a few tons only were used, in the subsidiary coinage of the United States, so that the discovery of new ores and new bodies of an ore of nickel, may be regarded as of the greatest possible importance. It is, however, in the field of alloys that Mohawkite will probably be more valuable. The assays, so far as determined, reveal an almost ideal composition for an alloy of copper and nickel, for which there is already a good demand. The new mineral can also be turned into commercial products from the ore almost without waste.—Scientific American.

The mining world is just beginning to find out that Arizona is the best mining field on the face of the globe and the result is an influx of men and money in such number and amount as to cause a general revival of activity in all parts of the territory. The Blade, in writing of it, observes that all this revival is of a kind and character that will last. It is not the result of wild-cat schemes proposed for the purpose of stock gambling

at the money centers, but of legitimate investments and development with a view of obtaining profits from the extraction and treatment of ores. There is no more safe or profitable business than is mining, if it be conducted upon business principles, and with the same care for details and regard for economy as mark the conduct of mercantile pursuits. It is a business in which competition is not possible and the moment its product is ready for market it can be converted into cash without the trouble or expense of hunting customers; the customers hunt the goods in this instance.

As a result of the visit of L. A. Rockwell, of Chicago, to the Strip last week, the Rockwell Copper Mining company has been formed, the articles of incorporation of which are published in the Guardian. Besides the property this company owns in Aravaipa canyon, they made a deal through Stephens, Thompson & Co., of Thomas, for two more groups of mines paying \$11,000 for one and \$10,000 for one other. Mr. Rockwell also made an individual deal with the same firm for another group, paying \$10,000 for it. Mr. Rockwell left for the east yesterday, but everything is arranged so that active work will continue on the mines. The mines purchased are very rich and with development will prove to be wonderful producers. Among the most valuable of the groups secured by Mr. Rockwell is the one bought of W. H. Allbriton, for which \$11,000 was paid. A portion of the money was paid to Mr. Allbriton in Safford on Wednesday and all of the balance will be paid within 60 days. Mr. Allbriton is working eight men on this property for Mr. Rockwell.—Guardian.

The following gentlemen were elected territorial delegates to

D. W. WICKERSHAM, Pres.
I. E. SOLOMON, Vice-Pres.

A. G. SMITH, Cashier.
C. F. SOLOMON, Asst. Cashier.

The Gila Valley Bank,

Solomonville, Arizona.

DIRECTORS: D. W. Wickersham, A. G. Smith, I. E. Solomon, C. F. Solomon, B. B. Adams, Geo. A. Olney, Adolph Solomon.

Capital Stock, Paid up, - - - \$25,000.

This Bank solicits accounts, offering to depositors liberal treatment and every facility consistent with sound banking.

THE BANK OF CLIFTON

CLIFTON, ARIZONA.

GEORGE HORMEYER, President.

C. M. SHANNON, Vice-President.

GEORGE HORMEYER, Cashier.

CAPITAL, \$25,000.

CORRESPONDENTS:

Hanover National Bank, New York; State National Bank, El Paso; Consolidated National Bank, Tucson; Anglo-Californian Bank, Ltd., San Francisco.

the Kansas City Democratic convention, at Phoenix, last Wednesday: Dr. H. A. Hughes, of Maricopa; T. G. Norris, of Yavapia; J. M. Murphy, of Mohave; Geo. A. Olney, of Graham; B. A. Packard, of Cochise and Geo. W. P. Hunt, of Gila. Alternates: J. W. Woolf, Maricopa; T. S. Bunch, Coconino; W. Y. Price, Pinal; Robt. Williams, Santa Cruz; Mulford Windson, Yuma; and T. C. Hill, Apache. J. B. Breathitt, of Pima county, was endorsed for national committeeman; Wiley Jones, of Graham, presenting his name. A resolution was passed unanimously recommending the holding of the next democratic territorial convention at Kingman, Mohave county. The convention instructed the delegates to vote for W. J. Bryan for president and a vote of thanks was extended to Chairman Ellinwood

and Secretary Truman, whereupon the convention adjourned sine die.

A machine has been provided for automatically cleaning shoes. The foot is inserted into a properly arranged opening and the railing of the machine is firmly grasped. A small motor actuates rotary brushes that removes the mud. The foot is next placed in the blacking arrangement proper, which acts as the dauber, and the third set of brushes is devoted to polishing. One shoe having been sufficiently polished the other foot is then inserted in the first aperture, etc. A needle on a machine indicates the various stages in the operation. The only precaution to be observed is to turn up the bottom of the trousers sufficiently so that they will not be caught in the rotating brushes.